

To: Jackson, Hylton [DNR][Hylton.Jackson@dnr.iowa.gov]
From: McCoy, Erin
Sent: Wed 5/4/2016 6:08:37 PM
Subject: RE: Dico Five Year Review Addendum
MAROS Summary.pdf

Hylton, please review the attached statistical summary. I believe I attached the entire MAROS analysis to the original e-mail. As you can see, several of the trends established for wells NW-34 and NW-36 are increasing, though I had to go into a further evaluation based on the number of detections.

The statistical analysis does show an increase, though the concentrations remain low. Still, since there is a documented increasing trend, I am recommending continued monitoring. If you can get me your thoughts after looking at this by Wednesday next week and how it relates to the Five Year Review addendum, I'd appreciate it. Thanks.



Erin McCoy, P.G. | Remedial Project Manager

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From: Jackson, Hylton [DNR] [mailto:Hylton.Jackson@dnr.iowa.gov]
Sent: Tuesday, May 03, 2016 3:32 PM
To: McCoy, Erin <McCoy.Erin@epa.gov>
Subject: RE: Dico Five Year Review Addendum

Erin,

I did take a look at the addendum and supporting documents and have just a couple of comments. I did get the sampling done (11/3/2015) for the wells associated with OU-3 and need to get the report done. I had one detect (although the lab ran 8260 and I should have run 524.2 – better detection limits at SHL). I only had one detection above 5 ug/L and that was cis-1,2-DCE in NW-36 at a concentration of 9 ug/L. There is some reference to NW-34 and NW-36 in the addendum and I assume it refers to information from IDNR's "Technical Progress Report on Groundwater Monitoring conducted April 23 & 30, 2012 for the Des Moines North Plume".

The 5YR addendum raises valid concerns about the inconsistencies in sample methods used to analyze the monitoring wells associated with OU-3 and refers to an "increasing trend" of cis-1,2-DCE in NW-36 (from 1989 to 2015). While acknowledging the sampling method discrepancies, I do not agree with the assertion that there is an established, increasing trend of cis-1,2-DCE concentration in NW-36 over the last 15 years. Unless I missed it, the 2013 5YR did not site an increasing contaminant trend in NW-36. In any case, the Department would agree to continued sampling OU-3 wells every third year – sampling method 524.2 - to ensure a lower detection limit.

Other than that, I have no comments.

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From: McCoy, Erin [<mailto:McCoy.Erin@epa.gov>]

Sent: Tuesday, May 03, 2016 1:07 PM

To: Jackson, Hylton [DNR]

Subject: RE: Dico Five Year Review Addendum

Hylton, have you had a chance to review this? Just checking. I'd like to finalize this next week if possible. I'm in training this week. Please let me know if you have any questions. Thanks!



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From: McCoy, Erin

Sent: Tuesday, April 05, 2016 12:48 PM

To: Hylton Jackson (Hylton.Jackson@dnr.iowa.gov) <Hylton.Jackson@dnr.iowa.gov>

Subject: Dico Five Year Review Addendum

Importance: High

Attached is the Five-Year Review addendum for the Des Moines TCE Site for your review and the supporting documentation. Please let me know if you have any edits or comments by April 22. Thanks!



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